Play: 4301 Province: 43	Upper Paleozoic Palo Duro Basin									
Geologist: Ball, M.M.		•		Status:	confirmed					
Play Attributes:	Play Attributes: Probability of Occurrence									
	Charge	1.00								
	Reservoir rock	1.00								
	Traps	1.00								
	Play Probability	1.00								
Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):										
Oil Accumulations Gas Accumulations										
Median	5	MMBO	BCl	_						
F5 of Largest Accumulat		MMBO	BCl	FG						
TSP Shape Factor										
Mean (calculated)		7 MMBO	BCl	FG						
Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):										
Oil Accumulations Gas Accumulations										
Minimum	2		0							
Median	4		0							
Maximum	10		0							
Mean (calcul	lated) 4.9)	0.0							

Play: 4301 Upper Paleozoic

Province: 43 Palo Duro Basin

Geologist: Ball, M.M. Status: confirmed

Ratio of Associated-Dissolved Gas to Oil: 79 CFG/bbl

Ratio of NGL to Non-Associated Gas: bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 0 bbl/MMCF

API Gravity (degrees): <u>minimum</u> <u>mean</u> <u>maximum</u>

29.0 39.0 48.0

Depth of Oil Accumulations (ft): <u>minimum median maximum</u>

1,500 5,000 8,200

Depth of N-A Gas Accumulations (ft): minimum median maximum

Play:	4301 Upper Paleozoic												
Province:	43 Palo Duro Basin												
Geologist:	Ball, M.N	М.					Status:	confirmed					
Estimated Resources:													
Oil (MMBO)													
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
1.40	3.10	10.50	21.30	37.80	63.10	80.70	32.70	20.10					
NGL (MMBNGL)													
<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Associated-Dissolved Gas (BCFG)													
F99	Eos	E75	F50		` ,	<u>F1</u>	maan	a d					
	<u>F95</u>	<u>F75</u>	· <u></u>	<u>F25</u>	<u>F5</u>	<u></u>	mean	<u>s.d.</u>					
0.11	0.24	0.83	1.68	2.99	4.98	6.38	2.60	1.59					
	Non-Associated Gas (BCFG)												
<u>F99</u>	F95	F75	F50	F25	<u>F5</u>	<u>F1</u>	mean	<u>s.d.</u>					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					